

CLASSIC Series Specification

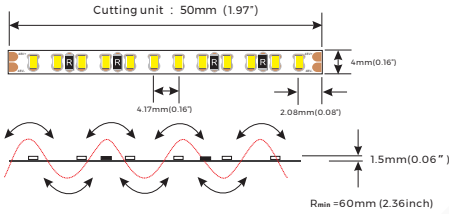
D6240

48V-4mm



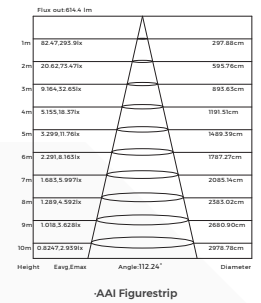
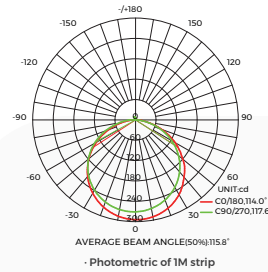
【General description】

- Ultra slim 4mm width
- Provide 2700-6000K 4 kinds of white light optional
- With life span over 60000H
- Ta: -25~40°C; Tc: 75°C (max)
- UL/UACK/CE/ROHS/REACH certification



【Dimension】

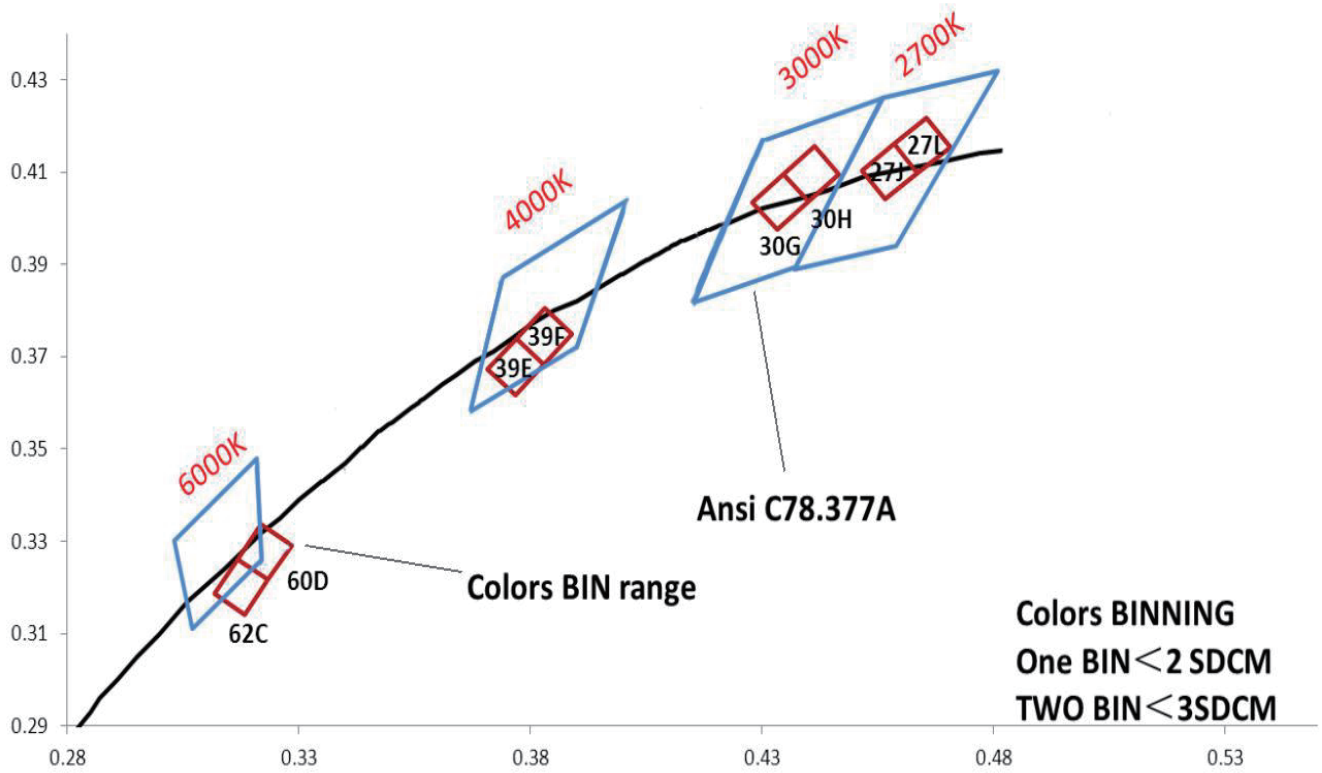
Input voltage: DC48V	Max.length: 5000mm(16.4')
CRI: 90	Cutting unit: 12leds/50mm(1.97")
Max.power: 9.6W(1m)	LED pitch: 4.17m(0.16")
Power range: 7.5~9.6W(1m)	Min. bend diameter: Φ 60mm(2.36")
Rated current: 0.18A(1m) 0.9A(5m)	Mounting: 3M tape
Typical Power: 8.6W(1m) 43W(5m)	Copper foil: 3oz
IP: IP20/IP65	
On-off times: 10000 (test times)	
Warranty: 5 years indoor / 3 years outdoor	




【Photo-electric Parameters】

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
Ra>90	SW	2700K	730	222	85	/
Ra>90	WW	3000K	760	231	89	/
Ra>90	NW	4000K	800	243	93	F
Ra>90	W	6000K	810	246	94	F

- 1.The tolerance of output data can be vary up to 10%.
- 2.the output data tested according to IES TM-30-15.
- 3.the output data is based on IP20/1merter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.






【Electronic & output data】

IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO	 NO/IP20	No proof	4mm*1.5mm	2700K/3000K/4000K/6000K	100%
NA	 NANO/IP65	Nano-proof	4mm*1.5mm	2700K/3000K/4000K/6000K	98%

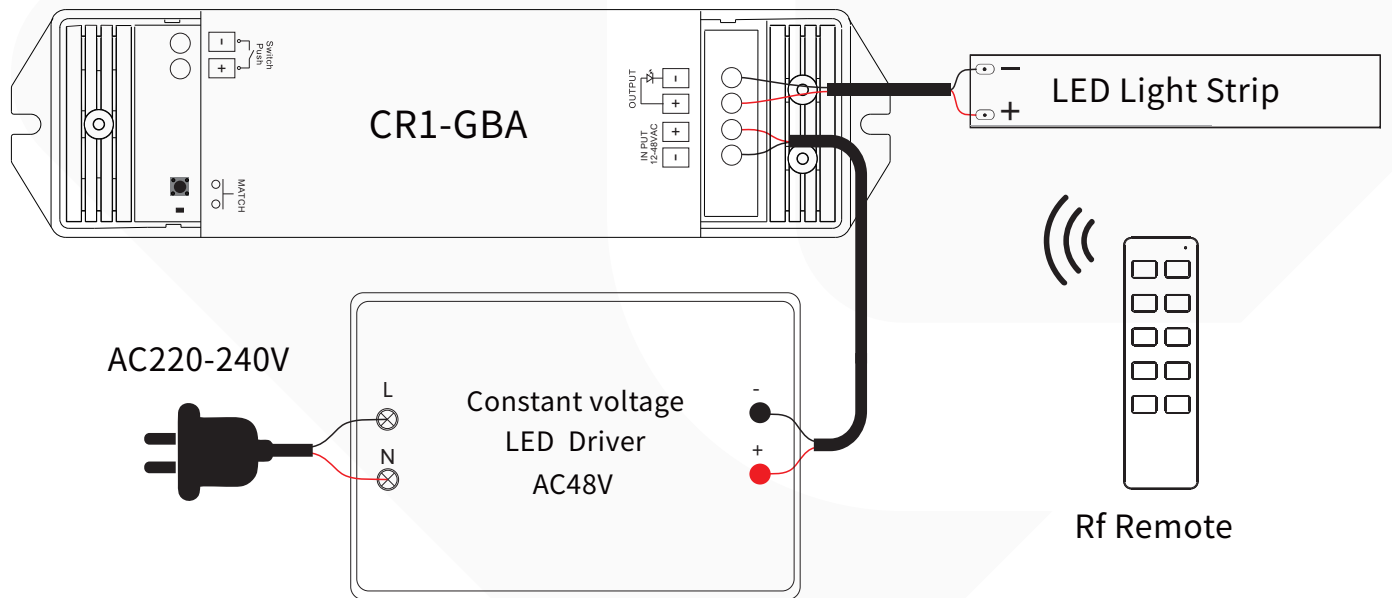
[Product Solutions]

· Controller & Power Supply

Product Image	Product Name	Product number	Order Code	Product Specifications	Applicable Products
	Dimmer For LED Strip	CR1-GBA	402-01-000000-00001	Input voltage: 12-48VDC Max load current: 15A*1CH 10A*1CH, Max10A@36/48V。 Max load power: 180/360W@12/24V, 360W/480W@36/48V Operating temperature: -30°C-55°C Product Size: L175*W45*H27(mm)	single light strip (Use with CK1-GBA)
	Remote	CK1-GBA	402-02-000000-00001	Operating Voltage: 3VDC (Battery CR2032) Working frequency: 2.4GHz Remote control distance: 30m Operating temperature: -30°C-55°C Product Size: L107*W58.5*H9(mm)	single light strip (Use with CR1-GBA)
	Constant Voltage LED Driver	BN-V48-100P	401-01-000000-00004	Input voltage: 220-240V Output voltage: 48V Output Power: 0-100W Output current: 2.1A, PF>0.95 350×30×18mm, 5 years warranty.	48V light

[Product Solutions]

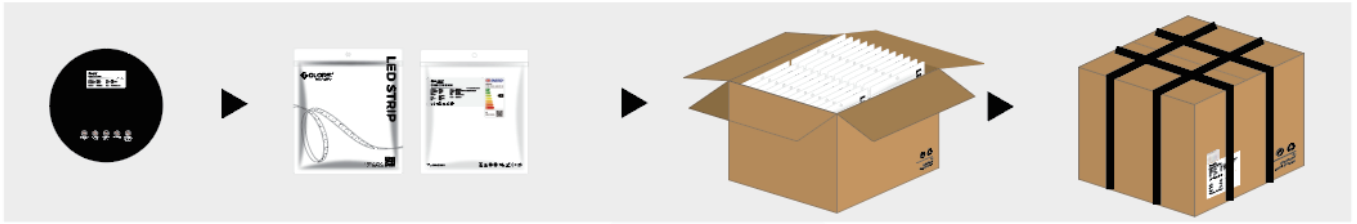
· Wiring diagram



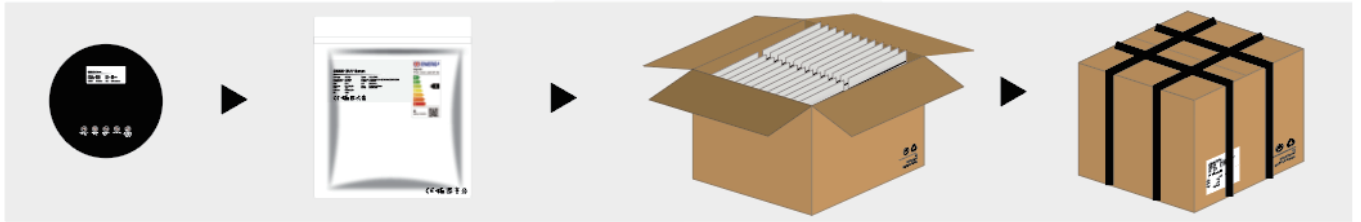
Note: This controller supports the Push function, and the 0-10V/Dall dimming function can be found in the EUCHIPS specification.

【Packing】

Colors brand package



General customized package



IP Process	Product size(mm)	Product quantity (m/reel)	Product quantity (m/case)	Product net weight(kg)	Net weight per box(kg)	Gross weight(kg)	Package size (cm)
NO	5000*4*1.5	5	350	0.0367	2.569	2.954	41*41*26
NA	5000*4*1.5	5	350	0.0387	2.709	3.115	41*41*26

Remark: data with 10% tolerance

【Precautions】

- Please drive the led strip with 48VDC isolated power, and the ripple of the constant voltage source should be less than 5%.
 - Please do not bend the strip into an arc with a diameter less than 60mm to ensure the longevity and reliability.
 - Do not fold it in case any damage of LED beads.
 - Do not pull the power wire hard to ensure the longevity. Any Crash may damage the LED light is prohibited.
 - Please make sure the wire is connected to the anode and cathode correctly. The power output should be consistent with the voltage of the strip to avoid damage.
 - LED lights should be stored in dry, sealed environment. Please only unpack it before usage. Ambient temperature: -25℃~40℃. Storage temperature: 0℃~60℃. Please use the strips without waterproof within indoor environment with humidity less than 70%.
 - Please be careful during operation. Do not touch the AC power supply in case of electric shock.
 - Please leave at least 20% power for the power supply during using to ensure there is enough power supply to drive the product.
 - Do not use any acid or alkaline adhesives to fix the product (e.g.: glass cement).
 - Do not scratch the product when IP process of the product is NA. Ultraviolet rays will damage the nano-layers on the product and seriously affect the life of the product.
- * When using dimmer and dimming power supplies like Triac, etc, conduct compatibility tests on the product, dimmers and power supplies to ensure full compatibility. If any issues arise, contact COLORS for technical support.